

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B60N2/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC $\frac{7}{860N}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
X	WO 02/100679 A (TAKAKURA MASAYUKI ; ITO TAKAHIRO (JP); TS TECH CO LTD (JP); WAKU SEIJI) 19 December 2002 (2002-12-19)	15
Y	page 3, line 4 - line 19	1,2,6-9, 13,14, 17-19
	page 6, line 4 - line 5	
Y	EP 1 245 436 A (REGIE AUTONOME TRANSPORTS; COMPIN (FR)) 2 October 2002 (2002-10-02)	1,2,6-9, 13,14, 17-19
	column 3, line 22 - line 28	
A	DE 199 43 454 C (KEIPER GMBH & CO) 4 January 2001 (2001-01-04) column 2, line 31 - column 3, line 2	1,8,15
	-/	

Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	 *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search 12 August 2004 Name and mailing address of the ISA	Date of mailing of the international search report 30/08/2004 Authorized officer
European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tet. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Standring, M



International Application No
PCT/US2004/009370

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
ategory °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
	US 5 641 202 A (RUS LIVIU) 24 June 1997 (1997-06-24) the whole document		1,8,15
•			
٠			
			•
		·	
	·		

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/US2004/009370

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 02100679	Α	19-12-2002	BR EP WO US	0205530 A 1406786 A1 02100679 A1 2004032155 A1	15-07-2003 14-04-2004 19-12-2002 19-02-2004
EP 1245436	A	02-10-2002	FR EP	2822765 A1 1245436 A1	04-10-2002 02-10-2002
DE 19943454	С	04-01-2001	DE	19943454 C1	04-01-2001
US 5641202	Α	24-06-1997	NONE		